

# THE AMADOR LEDGER.

Established November 1, 1855

JACKSON, AMADOR COUNTY, CALIFORNIA, FRIDAY, FEBRUARY 2, 1900.

Ten Cents Per Copy.

## GEOLOGY OF RIVER CHANNELS

### The Great River Channel of California.

#### THE FAMOUS DEPOSITS OF WEALTH IN THEM

#### This Great Gravel Bed, the Channels and Drifts Run North and South.

[By J. A. FAULT.]

MR. EDITOR:—I will, with your permission, occupy a little space in your valuable paper. In the present instance I might quote the ancient aphorism: "Fools rush in where angels fear to tread." This effort is being made with a full knowledge of what it portends, but not until after having spent upwards of forty years in making investigations and traveling the length and breadth of the continent more than once, and not this continent alone, have I come to a positive opinion and am prepared to deal with facts. To the unprejudiced mind these facts may appeal. It cannot do any harm if it does not do any good. It may stimulate investigation from a new standpoint.

I will begin with this assertion—that what is and has been known as the Great River Channel of California, and which has yielded millions of dollars of gold, is not a river in the sense in which we have been led to believe. When these channels are spoken of they have been called eocene, miocene and pliocene. Using the language of Professor Lyle, that great thinker and investigator, who has copied the Greek term to convey to the mind the significance of his language—"the dawn, the recent, less recent and the more recent." These terms are made use of in order to impress upon the mind the geologist's idea of time or epoch or period in the world's history. Some students think that this river system consisted of river channels in the ancient sea before the uplift of our continent. Others have claimed with equal force that these great gold-bearing channels were rivers coursing north and south after the main chain appeared above the ancient sea; holding, of course, that gold was formed from some pre-existing rocks.

We now come to the question—from whence came these channels and what are they, and how came they in the position in which we now find them? To gain an intelligent answer we must look at things as they are. In the first instance, we find this great gravel bed and the channels and drifts running along the edge of the main mountain chain in a northerly and southerly direction with what appears to be numerous arms running almost due east and west, being crossed by the present river system in its course from the snow-clad mountains to the sea.

If we look at the channel's course and then at the trend of the present rivers we find that they cross at almost right angles, cutting through and carrying away great areas of gravel, which is found deposited in various forms along their course, such as bars, benches, small channels, ravines and wide areas of deposit upon an uneven bedrock. The ravines form a fill from the force of the surrounding waters. I will instance for my present purpose the Clear Creek district in Shasta county between Lassen's Butte on the one hand and the Trinity Range on the other. The great gravel channel of the east has been broken and swept away from its north and south course at this point. If we examine this section we find French Gulch a very rich deposit of loose gravel, Clear Creek, South Fork, Mule Creek, Horse Town, Red Hill, Igo, Hardserable, Eagle Creek, Lower Cottonwood, Begum, Dry Creek and Hay Fork of the Trinity, extending to the herein mentioned points and covering 220,000 acres of land, at some points looking like river channels, again showing as it were escarpments, at other times covering vast areas of uneven, but gentle, sloping bedrock, the bedrock slate, granite, sandstone and oftentimes clay, where the bedrock is slate the gravel is blue; hence called the blue lead.

Where the bedrock is granite the gravel shows a reddish color. This is caused, doubtless, by the iron in the decomposed mica. Some of the ravines have been rich, others very poor; the whole district being known to miners as very spotted and uneven. This is one point. Now let us turn our attention to the channel where it has not been swept away from the higher Sierra. We will take Sierra county as an initial point where the drift mining has been carried on in the blue gravel channel, and here let me note that it was the deposit and drift mines of this county, such as those at Forest City, Wet Ravine, Rabbit Creek and Port Wine, and other points that should be mentioned, that the name Blue Lead got its cognomen. The North, South and Middle Yubas were formed by glacial rivers carrying their gravel deposits along their line, depositing their wealth at Moore's Flat, Chippes' Flat and other points along the line of its waters, which can be seen by examination.

The sloping nature of the land from the mountains to the sea averages about 75 degrees. All this we must take into account in the study of this subject. You ask me the question: Whence came the lava which is found on the top of these gravel beds, generally known as channels? My answer is, look carefully where the mountains to

the east are granite, the lava is whitish, gritty and sand-like in nature, so soft that it can be cut with a knife. At other times it can be formed into blocks by hand, usually where the mountains have been diked, as they often have been.

The overburden or cap is conglomerate, cement, pudding stone, and in fact, almost every kind of mixture, all of which may be accounted for by a careful study of the mountain chain. I will here instance the great arm between the South Yuba and Bear creek in Nevada county. On the Deer creek side of this ridge the covering is conglomerate, under which is a layer of pipe clay. At times this is crystallized; at other times, soft and tenacious, as tenacious as putty, under which are found seams of white gravel, streaks of red and blue, all of which are washed uneven in form and looking very much like the sand found on the ocean beach. The gold found in these lines is very fine; sometimes scarcely and often adhering to the soft granite bedrock. At a mound called Sugar Loaf the waters of the glacier itself appear to have split and broken away from its east and west course, making rich deposits in Deer creek, Wood's Ravine, American Hill, Oregon Hill and Wet Hill on the one hand, and Shelby Flat, Rush creek and Cement Hill on the other.

Now we will turn to the great arms of the Yubas, where in its east and west course it is traceable for thirty-eight miles up to the main north and south channel. Again you ask the question as before. Is it the result of a glacial moraine?

We will now turn our attention to the arm in Placer county at the foot of the ridge near Rocklin in the Sacramento Valley extending up to the Blue Canon, the edge of the mountain slope which we find between the Bear river and the north branch of the American river. Along this line there are many claims, many so called channels of greater or less width. I make use of the local terms in order that your readers may understand the position I take in this article. Many of the ravines drop into the American on the one hand and into the Bear river on the other.

[To be continued next week.]

Moki Tea positively cures sick headache, indigestion and constipation. A delightful herb drink. Removes all eruptions of the skin, producing a perfect complexion, or money refunded. 25 cents and 50 cents. Sold by A. Goldner.

Scotch as She Is Wrote.

Mrs. Hohmboddie—What are you reading that absorbs you so? Mr. Hohmboddie (looking up from his book)—It is a new Scotch novel. Mrs. Hohmboddie (with enthusiasm)—Oh, I am so fond of those dear dialect things! Do read me a little. Mr. Hohmboddie (reading)—"Ye see, Elsie," said Duncan doocely, "I might ha mair the matter wi' me than ye wad be spierin. Aiglins me een is a bit dazillt an' am hearin' the poolies thuddin in ma ears' an' ma toungue in clavin when it sud' be gaein, an' div ye no' hear the drilin' o' my hairt an' feel the shakin' o' ma bond this day gien I gat a glimpse o' ye, sair hirpirlin like an auld mow! Div ye nae guess what's a' the steer, hinnee, wi' out me gaein it mair words?"

Mrs. Hohmboddie—Stop, for goodness' sake! What in the world is the creature trying to say?

Mr. Hohmboddie—He's making a declaration of love.

Mrs. Hohmboddie—A declaration of love! I thought he was telling a lot of symptoms to his doctor.—Collier's Weekly.

F. B. Thirkield, Health Inspector of Chicago, says: "Kodol Dyspepsia Cure cannot be recommended too highly. It cured me of severe dyspepsia." It cured me of severe dyspepsia. It digests what you eat and cures indigestion, heartburn and all forms of dyspepsia. City Pharmacy.

Immense Stables.

Job, the afflicted and patient, did not, as far as records show, possess a single horse, though his herds of oxen were immense and probably more than any man has at this day. Solomon, on the other hand, had no less than 4000 stables, 40,000 stalls and 12,000 horses, which are understood to have been coachmen for his populous harem. There are, perhaps, a few ranches in the northwest of Mexico whose owners come near rivaling Solomon in the number of their horses, but the money value of these Mexican mustangs would not exceed \$10 to \$15 per head, while we are informed that Solomon paid 160 shekels (\$93) for a horse, which would indicate that his steeds were of a superior class and probably of the kind that aroused the admiration of Habbakuk,—"swifter than leopards" which "fly as the eagle hasteth to eat."

Sick Headaches.

The curse of overworked womanhood, and quickly and surely cured by Karl's Clover Root Tea, the great blood-purifier and tissue-builder. Money refunded if not satisfactory. Price, 25c and 50c. For sale by A. Goldner, the Druggist.

Bible or Shakespeare?

A gentleman from a neighboring town in Mississippi told the following: "I walked into a small store the other day and found the proprietor lying on the counter just dozing off into a sleep. He roused himself on my approach, and, jumping to the floor, quoted the familiar line: 'A horse! A horse! My kingdom for a horse!' " "Where did you get that?" I asked. "Oh, don't you know? That's what Absalom said when his horse ran under the tree and left him hanging by the hair to a limb. I thought everybody knew where that came from."—Memphis Scimitar.

A nobly new line of fall and winter footwear at Peterson's, Webb block.

## OUR NEIGHBORING COUNTIES

### Calaveras County Produces Some Newsy Items.

#### SUTTER CREEK BOY MARRIED AT PLACERVILLE

#### H. B. Jarboe Falls Down a Shaft One Hundred and Thirty-five Feet and Is Killed.

CALAVERAS COUNTY.

Prospect, San Andreas, January 27th. Last Tuesday evening a shepherd dog belonging to J. C. Marshall of this place fell into an abandoned shaft about thirty feet deep, at Yacule Camp. There was considerable water in the hole, but fortunately for the animal there was a small drift at or near the water level, into which the dog climbed and thus saved himself from drowning. The next morning, with the necessary assistance, August Winkler was lowered into the shaft and the dog was secured and hoisted to the surface. It had sustained no injury by the fall.

There was quite a crowd at the race track last Wednesday, the occasion being a horse race between an animal backed by Bret Morgan and one entered by Frank Gournay. Morgan's horse won the race in 44 seconds. The distance was three-fourths of a mile. Ed Taylor rode Morgan's animal and Colombo Gozzolo Gournay's. Considerable money changed hands on the outcome.

Miss Lettie Hunting of Jackson, who has been visiting her sister, Mrs. Wm. O'Neill, returned to her home Tuesday last.

C. D. Ham of West Point, was in Jackson last week.

Judge J. F. Davis of Jackson, was in town this week on the Nevills-Moore case, which has been transferred from Amador county. He was perfecting an appeal.

Chronicle, Mokelumne Hill, January 27th.

A. H. McCarthy of West Point, was in town during the week. Mr. McCarthy has disposed of his interest in the lumber business to his partner, Mr. Bruce.

J. K. Carpenter, who is largely interested in mining operations in this vicinity, has been visible on our streets during the week.

Mr. and Mrs. C. S. Peek left Tuesday morning for South Dakota on a visit to relatives and friends.

Citizen, San Andreas, January 27th.

John Raggio of Murphys, a brother of Vito Raggio of this town, was registered at the Metropolitan Hotel on Monday with his bride, en route to San Francisco, on his bridal tour. Mrs. Raggio was a Miss Malaspina, of a family well known throughout the county.

A nine-year-old boy named Almond Way, who had been running wild about Jenny Lind for some time and whose father lives in Stockton, some time ago made a deadly assault on a son of J. P. Alter, by stabbing him in the back with a knife. The wound was a serious one, but young Alter has fully recovered from it. District Attorney McKersley went to Jenny Lind to try the boy for his offense, but on account of the lad's age, the father, on promising to care for the boy, was allowed to take him out of the county. He left for Stockton with his son that night.

John R. Huberty, wife and two children, accompanied by Huberty's sister, were over from Jackson on Monday, to assist in celebrating Milkman Huberty's seventy-first birthday. There was a grand reunion at the Huberty ranch, near town, on the occasion.

D. Gutmann of the Ford and Sheep Ranch mines, has been spending a week or ten days on his properties in Calaveras county.

G. G. Fraser, representing a San Francisco house, and also a director of the Ford mine, spent a few days in San Andreas during the early part of the week.

EL DORADO COUNTY.

Nugget, Placerville, January 26th.

William Harvey of Sutter Creek was married yesterday to Eliza J. Enner of this city. The bride is a daughter of Mr. and Mrs. Higgins of Placerville and a sister to Mrs. G. W. Blakeney. The wedding took place at 1 o'clock yesterday afternoon at the residence of Mr. Higgins. The Rev. E. H. MacKay performed the ceremony.

John Stevenson of Marysville, stepfather of Mrs. H. H. Walling of this city, died on the 21st inst.

The road between the railroad and Hangtown Creek bridge is being graded and repaired. The railroad is sharing the expense with the county.

Miss Gladys McCauley, who has been here visiting her uncle, C. P. Winchell, all winter, was called home to Ione to assist in taking care of her brother-in-law, Dr. Adams, who had his leg broken during the recent fire here.

While Miss Mary Murphy was driving to Placerville from Kelsey last night her horse went up on a bank and overturned the buggy tipping her out. She was not injured.

Democrat, Placerville, January 27th. Mr. Simas of Sutter Creek is visiting relatives here.

Quite a lot of freight is being shipped to Latrobe for Plymouth and Oleta. Mr. William Duden, our affable agent,

is always on hand and ready to accommodate the public.

TUOLUMNE COUNTY.

Independent, Sonora, January 27th.

H. B. Jarboe, a miner about twenty-eight years of age, was killed in the Shawmut mine, near Jacksonville, Friday morning by falling down the shaft a distance of about 135 feet. The deceased was climbing the ladder when he must have fainted from exhaustion or heart failure, and, losing his hold, took the fearful plunge which ended in death. He was a single man and arrived here three or four months ago from Placerville.

Coroner C. H. Burden was notified and an inquest was held at the mine Friday.

The taxpayers of the Angels school district have called a mass meeting for January 31st to vote \$1500 in bonds to build a new schoolhouse.

A. L. Gilchrist of the mining bureau and assay office took a trip throughout the mines of the county last week. He reports the industry in a very prosperous condition with many new mines being developed.

Your Face

Shows the state of your feelings and the state of your health as well. Impure blood makes itself apparent in a pale and sallow complexion, pimples and skin eruptions. If you are feeling weak and worn out and do not have a healthy appearance you should try Aker's Blood Elixir. It cures all blood diseases where cheap sarsaparilla and so-called blood purifiers fail; knowing this we sell every bottle on a positive guarantee. Sold by A. Goldner.

SCIENTIFIC MISCELLANY.

Variations of the Compass Explained—Retaining Walls.

It may be of interest to many readers of this paper to know what is meant by "magnetic variations," which occur in all surveys' field notes of surveys, and, consequently, may be used in the very deed that gives title to your home or mine or other property.

The expression means that the magnetic needle varies east or west from the true north and south line or meridian. The reason for this variation is that the magnetic pole and axial pole of the earth do not coincide. It is possible to get into such a place that the two poles will be in the same line. A meridian circle passing through such place and the magnetic and axial poles is called the "Line of no Variation." This line passes across the United States from the region of Lake Superior to the coast of South Carolina. It will be readily seen, therefore, that an observer with the magnetic compass must make allowance for this variation when making surveys on either side of this line. In California, the magnetic needle pointing to the north magnetic pole, varies about 17 degrees to the east of the true meridian passing through the pole; hence, surveyors say magnetic variation 17 degrees (or thereabout) east; while a surveyor in Maine would say magnetic variation 8 or 10 degrees west. There are other local variations at certain times and places, due to the presence of iron ore or traprock, and at times to certain electrical conditions.

RETAINING WALLS.

A few words in regard to the science of building walls for the retaining of earth or rock to be deposited against them may not be amiss, inasmuch as one need only walk along some of the streets of Jackson, or almost any one of these mountain towns, and observe the bulging faces of such walls to know that they were improperly built, or at least not scientifically built. Such walls should be made with the same skill as is used by engineers in building abutments for roads, railroads and the like. Without going into details we might state this as a general rule, modified somewhat by the character of material used for "backing." "The base should be made from 30% to 50% of the height of the wall." This may be made less where the wall is backed against rock in place or undisturbed earth not mingled with beds of clay. The observation of this rule in the building of front walls along the upper sides of streets on hillside lots would result in more permanent and more beautiful walls than many that are seen every day.

What Is Shiloh?

A grand old Remedy for Coughs, Colds and Consumption: used through the world for half a century, has cured innumerable cases of incipient consumption and relieved many in advanced stages. If you are not satisfied with the results we will refund your money. Price, 25c, 50c and \$1. For sale by A. Goldner, the Druggist.

The Niagara Falls.

The Niagara falls were discovered in 1678, and they have receded seventy-five feet in 175 years. The height of the American falls is 164 feet; of the Horseshoe falls 158 feet.

Only once since the discovery of the Niagara falls have they been known to be dry. This extraordinary thing happened March 31, 1848, and was caused by an ice-jam in the river between Buffalo and the Canada side. It lasted but a day. A strong east wind was blowing which drove the waters of Lake Erie to the west side. A lady walked from Table Rock about one-third of the way towards Goat Island.

Quoted the Bible.

Willy.—"I met our new minister on my way to Sunday-school, mamma, and he asked me if I ever played marbles on Sunday."

Mother.—"H'm—and what did you say to that?"

Willy.—"I said, 'Get thee behind me, Satan,' and walked right off and left him."

PIONEER FLOUR is the same yesterday, today and tomorrow.

## HE RESIDED IN A TUNNEL

### Recovered Goods Identified as Stolen Articles.

#### BUSH GREETED WITH FIVE FELONY CHARGES

#### Foot-prints Leading Into and Out of the Tunnel Aroused the Suspicion of the Officers.

The thief who has been breaking into and rifling cabins, butcher shops and other places about San Andreas was caught on Wednesday morning and a wagon-load of stolen goods was recovered. The thrifty burglar proved to be Jos. Bush, who is not a stranger to the county jail. He was sent up from Hodson last summer, sentenced to sixty days' imprisonment for petty larceny. On October 31st last he was discharged from the jail here and that night he broke into Chris Anderson's cabin, out near the race track, and took therefrom three blankets, two pillows, a shovel, some clothing, a Bible, giant powder, fuse and caps. He then took up his residence in the tunnel of Anderson's gravel mine near by. He found a "side-drift" suitable for his purpose about fifty feet back from the mouth of the tunnel and here he rigged up a bed for himself and established a very comfortable lair. Here he spent the day and with nightfall he set forth on his predatory expeditions. In this way he lived on "the fat of the land."

He would probably have continued in his career of crime all winter had not John Siffard observed tracks leading into and out of the tunnel and subsequently asked George Stewart if he had some one working in the mine, saying some one was doing so or making his home therein. This report caused Mr. Siffard and Constable Oneto to go out to the mine and to explore it. They soon found Bush's lair and subsequently his capture was effected by Joseph C. Marshall, who delivered him to the sheriff.

Sheriff Thorn soon secured a confession from Bush, in which he freely acknowledged a long list of crime, of which others had been suspected. Besides the Chris Anderson-robbery, he confessed the robbery at the Woodside cabin, on the Angels road, about one and a half miles below the Shannon place. Here he took a suit of clothes, a looking glass, some flour, a watch, baking powder, bacon, a razor, strap and brush, potatoes, onions, raisins and prunes. The razor he sold at Fourth Crossing.

On January 18th he entered the slaughterhouse of Walter & Nuland, on the Mokelumne Hill road, where he took two skinning knives, two beef tongues and two beef hearts. On Saturday evening, January 20th, he broke a lock on the door of the cabin of George Gay, near the slaughterhouse, and stole some jelly and pears in glass jars, onions, potatoes, beans and tobacco. A few nights before that he robbed a peddler's wagon at Shannon's place of about seven dozen of eggs and a sack of vegetables, and some of both were found in his tunnel-home when he was arrested.

Some time last month he also entered the hoisting works of the Fort Wayne Gold Production Company and stole a lamp and chimney and a large can of oil.

Bush was arraigned before Judge Kean on Thursday afternoon, in the

MISCELLANEOUS.

SAFETY DEPOSIT.—Safe deposit boxes can be rented from the Bank of Amador County at the small expense of 35 cents a month, thereby securing you against any possible loss from fire or otherwise. Don't overlook this opportunity of protecting your valuables.

SAVE MONEY—Patronize a home institution. Send money away through the Bank of Amador County; you will save 10 per cent and upward over postoffice or express. Money sent to all parts of the United States and also all parts of the world. We have the latest quotations on foreign exchange.

SAVE MONEY—It doesn't cost anything to deposit money in the Bank of Amador County. They receive deposits from \$5 up. Commence the new year by opening up a bank account has a financial standing. Don't bury your money when you die it can't be found and you are liable to be robbed while alive.

It's Not Expensive.—It's the quality that's high in Tea Garden Drops, Tolegan Maple Syrup and Pelican Louisiana Molasses.

For sale by first-class grocers in cans only. Money refunded if the goods are not satisfactory. Don't accept an imitation. See that the manufacturer's name is lithographed on every can.

Pacific Coast Syrup Company, 1737 Broadway street, San Francisco.

Is a genuine specific for diseases of the stomach and organs of digestion and nutrition. No other medicine has had so remarkable a success in curing diseases affecting the heart, liver and lungs, whenever these diseases, as is commonly the case, were caused by "weak stomach" and impure blood. Food imperfectly digested cannot be perfectly assimilated. "Golden Medical Discovery" restores the organs of digestion to perfect working order. Foul blood must result in a foul body. The "Discovery" purifies the blood and increases the activity of the blood-making glands, so increasing the quantity and quality of the blood supply. It has been tried by over half-a-million people. It has cured ninety-eight out of every hundred who have tried it.

WHY NOT LET IT CURE YOU?

—LA MODE—

DRESSMAKING AND MILLINERY PARLORS

Weller Building, Main Street, Jackson

DRESSMAKING AND FANCY NECKWEAR

MRS. ANNIE M. WELLER, Proprietress

Superior Court room, on five felony charges and in default of \$6,250 he was remanded to the custody of the Sheriff. Bush declined to look at any one, hung his head and declined to even face the court. He said he had no attorney and desired none and readily pleaded guilty to all the charges. Bail was required of him by Justice Kean as follows: The Shannon robbery, \$1000; Gay's \$1500; Walter & Nuland's, \$500; Woodside's, \$1250; Chris Anderson's \$2000.—Calaveras Citizen.

Many a Lover

Has turned with disgust from an otherwise lovable girl with an offensive breath. Karl's Clover Root Tea purifies the breath by its action on the bowels, etc., as nothing else will. Sold for years on an absolute guarantee. Price 25c and 50c. For sale by A. Goldner, the Druggist.

Two Railroad Passes.

When its limited express trains were put on some years ago, the Lake Shore Railway Company decided to charge extra for the privilege of riding on them, and John Newell, who was president of the system at that time, gave orders that passes, half-rate tickets, etc., should not be honored on the "flyers." It was not intended, of course, that the complacent riders issued to high officials of other roads should be void on the fast trains, but through an oversight a yearly pass was sent to D. W. Caldwell, president of the Nickel Plate, which, bore on its face the words:

"Not good on Lake Shore limited trains."

A few days after Mr. Caldwell's pass had been issued Mr. Newell received an annual pass on the Nickel Plate with the following indorsement:

"Not good on passenger trains."

Messrs. Newell and Caldwell remained consistent enemies until the former died and was succeeded by the latter as president of Lake Shore.—Chicago Times-Herald.

Acker's Dyspepsia Tablets are sold on a positive guarantee. Cures heartburn, raising of the food, distress after eating or any form of dyspepsia. One little tablet gives immediate relief; 25 cents and 50 cents. Sold by A. Goldner.

A Series of Titles

An exchange suggests that the next Thanksgiving proclamation may be signed, "William McKinley, President of the United States, Emperor of the Philippines, King of Samoa, Archduke of the Sandwich Islands, Grand Dato of the Sulus and Gezebe of Guam." Well, what of it? It would not imply any greater power than he now exercises. Why not have powers of officials properly defined?—Mound City (Kan.) Standard.

Young Mothers.

Croup is the terror of thousands of young mothers, because its outbreak is so agonizing and frequently fatal. Shiloh's Cough and Consumption Cure acts like magic in cases of Croup. It has never been known to fail. The worst cases relieved immediately. Price, 25c, 50c and \$1. For sale by A. Goldner, the Druggist.

His Happiest Day.

Bacon—"Let me shake your hand, dear boy; this is one of the happy days of your life."

Egbert—"You're too previous, old man. I'm not to be married until tomorrow."

Bacon—"That's what I say. This is one of the happy days of your life."

MISCELLANEOUS.

BANK OF AMADOR COUNTY

Incorporated November, 1888

Capital Stock : : : \$50,000

President..... Henry Eudey

Vice-President..... S. G. Spagnoli

Secretary and Cashier..... Frederick Eudey

BOARD OF DIRECTORS:

Henry Eudey, S. Spagnoli, John Strohm, C. Marelle and Alex Eudey of Jackson.

SAFE DEPOSIT.—Safe deposit boxes can be rented from the Bank of Amador County at the small expense of 35 cents a month, thereby securing you against any possible loss from fire or otherwise. Don't overlook this opportunity of protecting your valuables.

SAVE MONEY—Patronize a home institution. Send money away through the Bank of Amador County; you will save 10 per cent and upward over postoffice or express. Money sent to all parts of the United States and also all parts of the world. We have the latest quotations on foreign exchange.

SAVE MONEY—It doesn't cost anything to deposit money in the Bank of Amador County. They receive deposits from \$5 up. Commence the new year by opening up a bank account has a financial standing. Don't bury your money when you die it can't be found and you are liable to be robbed while alive.

It's Not Expensive.—It's the quality that's high in Tea Garden Drops, Tolegan Maple Syrup and Pelican Louisiana Molasses.

For sale by first-class grocers in cans only. Money refunded if the goods are not satisfactory. Don't accept an imitation. See that the manufacturer's name is lithographed on every can.

Pacific Coast Syrup Company, 1737 Broadway street, San Francisco.

Is a genuine specific for diseases of the stomach and organs of digestion and nutrition. No other medicine has had so remarkable a success in curing diseases affecting the heart, liver and lungs, whenever these diseases, as is commonly the case, were caused by "weak stomach" and impure blood. Food imperfectly digested cannot be perfectly assimilated. "Golden Medical Discovery" restores the organs of digestion to perfect working order. Foul blood must result in a foul body. The "Discovery" purifies the blood and increases the activity of the blood-making glands, so increasing the quantity and quality of the blood supply. It has been tried by over half-a-million people. It has cured ninety-eight out of every hundred who have tried it.

WHY NOT LET IT CURE YOU?

—LA MODE—

DRESSMAKING AND MILLINERY PARLORS

Weller Building, Main Street, Jackson

DRESSMAKING AND FANCY NECKWEAR

MRS. ANNIE M. WELLER, Proprietress

MISCELLANEOUS.

THE COFFEE HOUSE

JACKSON, CAL.

Basement of the Webb Building

Everything New, Neat and Clean

MEALS SERVED AT ALL HOURS

THE BEST THE MARKET AFFORDS ALWAYS ON HAND

Guests treated with consideration and respect at all times

Best Liquors and Cigars at the Bar

</



## THE AMADOR LEDGER

PUBLISHED FRIDAYS BY  
AMADOR COUNTY PUBLISHING COMPANY.

## SUBSCRIPTION RATES:

ONE YEAR (if not in advance)	\$3 00
ONE YEAR (in advance)	2 50
SIX MONTHS	1 25
THREE MONTHS	75
ONE OR MORE COPIES OF THE LEDGER, EACH	10

LEGAL ADVERTISING—Per Square—First Insertion	\$1 00
SUBSEQUENT INSERTIONS—Per Square—each	50

D. BUFFINGTON, Editor and Manager

FRIDAY, FEBRUARY 2, 1900

## SOUTHERN PACIFIC COMPANY'S EXHIBIT AT PARIS.

The Southern Pacific Company's exhibit in Paris during the coming Exposition, will be in the hands of Hon. William H. Mills, a gentleman of extraordinary business skill, of rare executive ability, and possessed of untiring energy.

To this eminent gentleman has been entrusted the entire management of the Company's great enterprise, which, under such able supervision, must necessarily result in great benefit to the Pacific Coast States in particular and the whole country generally.

The Company will make two exhibitions in Paris during the Exposition of 1900, one in the Trocadero Palace grounds, in a separate pavilion, erected by itself, and the other at No. 29 Boulevard des Italiens. At the latter place the Company will maintain a Bureau of Information, where information will be furnished concerning the natural resources of the States and Territories Mr. Mills will represent. The exhibit at the City office will be highly artistic and will be fully illustrative of our forests, mines, fields, orchards and gardens.

In connection with this Bureau of Information, the Company will be pleased if residents of the States and Territories served by its lines, will make its Parisian office their headquarters during their stay in Paris, should they contemplate a visit to that metropolis during the Exposition.

Information will be furnished concerning steamships, and routes of travel in the United States and upon the Continent. It will be the pleasure of the Company to furnish information to any one contemplating a visit to Paris relating to accommodations, apartments or hotels. Letters or telegrams sent in advance of the coming of the sender will have due and prompt attention.

The Company's Bureau of Information will be free to visitors from the States and Territories served by its lines, after April 15, 1900. A register of such visitors will be kept, with their Parisian addresses, so that the register itself will constitute a directory of visitors in Paris from these States.

## TRYING TO EMBARRASS THE ADMINISTRATION.

President McKinley should use his discretion about giving the information asked for by the Allen resolution as to the recognition by this government, and why recognition was refused, as on motion of Senator Spooner, the resolution was amended so as to request the President, "if not incompatible with the public interests," to furnish the information. This resolution has no other object than to embarrass the administration. It is a part of the game, which has been so unsuccessfully played by the authors of the numerous resolutions, asking for all sorts of information concerning the Philippines, and deserve no answer. The sudden spasm of sympathy for the Boers is in reality a Democratic attempt to change the present friendly relations between the United States and England, for no better reason than for the making of political capital among the Irish voters. At least two Republican Senators seem to have been trapped in this game, as Senators Hale and Mason were advertised among the speakers at a recent public meeting, which was advertised as a Boer demonstration.

## FORESTRY IN CALIFORNIA.

A great many persons in California have talked about forestry for years, but nothing has come of it. The State cannot be depended upon to keep up appropriations steadily, and, though the University of California has maintained at its own expense the two interesting forestry stations at Chico and Santa Monica, it seems evident that we are on the eve of much additional forestry work in this State.

The Division of Forestry at Washington, under the able leadership of Gifford Pinchot, supervised by Secretary Wilson, is making a record for efficient, non-partisan, scientific work all over the United States. We have heard good Democrats say that the Department of Agriculture, and especially the Forestry Division, was worth perpetuating for a lifetime. Mr. Pinchot has visited California, Oregon and Washington, and has had a large number of young men, mostly Californians, from the State University and Stanford, at work in our forests, measuring trees, studying soils, climate and a vast number of other closely related matters. The result of all this will be an authentic Forest Map of California—the first one of any value ever made. On that there can be recommendations based upon which Congress can act. This preliminary work underlies the whole subject of water conservation and forest restoration.

It is understood that the California members of the present Congress are well posted upon this topic, and are expected to see that the Division of Forestry is given whatever funds are necessary to carry on this very essential survey work on the Pacific Coast. In the end this investigation will

possibly develop into a School of Forestry at the State University, with some of the California reservations under University control. The State can properly furnish funds for such work whenever the time comes.

No part of California would profit more from really intelligent, expert investigation into forestry conditions than would Amador county. We want Mr. Pinchot's young men to camp next summer in our pine forests, and when the University is ready to take up this work we want its energetic students and professors up here every summer. Perhaps this part of the Sierra foothill belt might have a forestry station some of these days. We understand that the second-growth pines of the red placer-mine districts offer many interesting problems to the forestry experts, and we suggest to Mr. Pinchot a special bulletin upon the subject, covering the old gravel districts of Tuolumne, Calaveras, Amador, El Dorado and Placer.

## WILL IMPROVE THE BUREAU.

There is a bill before Congress, designated as House Bill, No. 3988, which was introduced December 12, 1899, which should become a law. The bill, if passed, will result in improving the Weather Bureau. It will bring about improved methods of examination and appointments and the retirement upon a moderate allowance of men who have grown old in the work of the service. The bill has the support of the Chief of the Bureau, the Chairman of the Committee of Agriculture of the House, and has the sanction of the Secretary of Agriculture. It has for its object the improvement of the Bureau, and it will certainly give the Government the best service for the money expended.

Professor Willis S. Moore, Chief of the Bureau, in a communication to the Hon. James H. Wadsworth, Chairman of the House Committee on Agriculture, points out the defects of existing laws briefly as follows:

"Promotions are not properly regulated and there is no relief for old and disabled servants. The proposed measure introduces the merit system in all branches, and provides that the appointments shall be by nomination by a Representative of the people after examination by the Civil Service; prohibits the use of political or other influence to secure promotion or assignment. It places each employee on his merits and prohibits the removal of an employee for political reasons, and makes his tenure of office good so long as his services are advantageous to the Government. Without one cent of expense to the Government, it provides for the retirement of disabled and aged officials by means of a fund to be known as the Weather Bureau Retirement Fund, which is established by a pro rata assessment each month on the present salaries of members of the service."

## ON THE WRONG SIDE.

Mr. Bryan's vision has at last reached far enough from the grand center—self—to enable him to dimly realize that his party has got on the wrong side of the expansion question. This fact was fully demonstrated a few days ago. On that occasion he advised the Democratic Senators and Representatives to be very particular in their language when discussing the question publicly. Later, in an authorized interview, he said: "I am not opposed to all expansion; each proposed annexation must be settled upon its own merits."

It is the old, old Democratic story. In every presidential campaign for years that party has favored, or pretended to favor, any old thing that promised to catch voters, and has not hesitated to favor a thing in one locality and oppose it in another. Before the campaign gets fairly started, Democratic speakers and editors are likely to be declaring that they have never opposed expansion at all; that it is only the bugaboo they have themselves manufactured and labeled "imperialism," which they oppose. That sort of game isn't likely to fool anybody. There are no imperialists in this country, and are not likely to be.

The House adopted an important amendment to the regular Pension Appropriation Bill before passing it. It authorizes the Commissioner of Pensions to withhold the fee of any attorney when he has a knowledge that the attorney has not discharged his full duty to the claimant. It is said to have been the practice of some attorneys to do nothing toward getting a case allowed, after they filed it, trusting to the claimant getting some member of Congress to push it through, knowing, that being the attorney of record in the case, they could not be kept out of their fee when it was allowed.

KENTUCKY continues to make history,—uncivilized, unsavory and sanguinary history. Its latest diabolic and cowardly chapter was written in the usual Kentucky fluid—blood—about eleven o'clock last Tuesday morning, in the State Capitol grounds when Senator Goebel's cowardly assassination was attempted. Martial law has been declared in Frankfort, and the public awaits the death list that is likely to follow.

The defeat of the British in South Africa so far is a triumph of the principle of "mind your own business." That the Boers need reforming seems plain, but it seems equally plain that the British are not called to perform the work.—Stockton Record.

GOVERNOR GAGE'S message is to the point and covers the ground completely. It has the genuine Republican ring,

## VERY CARELESS SHOOTING

A Bullet Crashes Through the House.

CAUSED EXCITEMENT IN SOUTH JACKSON

It Penetrated a Porch Awning, a Window and Partitions and Lodged in the Door.

On Thursday afternoon of last week, January 25th, as Mrs. J. S. Garbarini, of South Jackson, was engaged in her household duties, she was startled by a terrible crash in the house. For some moments she was at a loss to locate the sound, but thought it was on the south side of the house. She, therefore, stepped to the south porch of the building and was overcome with astonishment, not unmixed with fear, to discover a large bullet hole in the awning of the porch, and a shattered parlor window.

Investigation followed and the bullet was traced through the sitting room and across the hall, burying itself in the door-casing of the bedroom. Mrs. Garbarini was, as may be supposed, somewhat unnerved by this time, and her immediate neighbors were informed of the occurrence, and the course of the death-dealing leaden messenger was again and again traced, the whole neighborhood being agog to know from whence it came, and if it was sent by accident or with murderous intent.

In the evening, when Mr. Garbarini returned home, the little South Jackson hamlet was still excited and the circumstance was gone over with him. He decided that it was the result of an accidental shot by some careless hunter who, at the time he shot, was stationed somewhere in the vicinity of the old Moore mine. The bullet, which Mr. Garbarini picked out of the door-casing of his bedroom, was apparently a 40-65.

"The man with the gun" would better take warning and look before he shoots. If Mrs. Garbarini had been entertaining callers at the time, some one in the parlor, through which the bullet sped, would have been hurt, no doubt.

## PERSONAL MENTION.

F. M. Whitmore registered at the New National Tuesday.

P. Berger of Campo Seco, Sunday here, the guest of W. F. Decker.

George Brown returned Saturday from a two weeks' business trip below.

Mrs. J. Mitchell of Amador City, visited friends in Jackson Friday and Saturday.

Mr. and Mrs. A. B. Caminetti gave a very enjoyable card party last Tuesday evening.

We call attention to a change in R. I. Kerr's City Pharmacy advertisement in this issue.

George Bonnefoy telephoned Will A. Newcum last Monday that Vic Montecarlo was some better, at times quite lucid.

Mr. and Mrs. L. M. Parker have rented the A. Caminetti's residence on Summit street and are now cozily situated.

The Colusa Sun of the 24th instant, says: "Miss Lizzie Pratt of Amador City arrived today and is the guest of Mr. and Mrs. J. J. O'Rourke."

Mr. H. Sharpner, Grand Keeper of Records and Seals, Knight of Pythias, arrived in Jackson last evening and will visit Rathbone Lodge tonight.

Mr. and Mrs. James E. Dye entertained a few of their friends Tuesday last. Mr. and Mrs. Will A. Newcum and Mr. and Mrs. L. J. Fontenrose were present.

A. R. Carrington, Miss Mattie E. Brown, O. R. Wright, Charles Willard and Kittie Willard, members of the New York Greater America Co., registered at the New National January 31st.

Through the courtesy of ex-Senator Voorhes, we had the pleasure of meeting J. J. Crawford, secretary of the Gwin mine, one day this week. Mr. Crawford expressed himself well pleased with the mining outlook hereabouts.

## SUPERIOR COURT.

People vs. Joseph H. Giles—Trial in progress, Amelia Epiett vs. Henry Epiett—Action for divorce. Restraining order made.

H. K. Bress et al. vs. S. G. Spagnoli et al.—Trial continued to February 3d.

Angelo Boro vs. Thomas Schichizola—Argument on demurrer continued to February 3d.

Estate of Gustave Borchgrain—Order approving sale of personal property. Hearing on return of sale of real estate set for February 10th.

Estate of Daniel Stewart—Order approving sale of personal property.

Estate of William Wadge—Petition for letters of administration by Elizabeth Wadge. Hearing set for February 3d.

Estate of William Waters—Final discharge of administrator.

Estate of Mary J. Keane—Decree establishing notice to creditors.

Estate of Harlow Parlin—Decree establishing notice to creditors.

Strictly First-Class Fresh Fish Can be had every Thursday and Friday at Caminetti's Central Market. 62-70

## Formerly of Jackson.

James O'Neil Gleeson, the bartender who was killed about midnight of the 28th instant in Stanley's Grotto, on the corner of Market and Turk streets in San Francisco, is believed to have been formerly of Jackson. It is said he was the same person who used to run the saloon now owned by L. N. Keagle.

Gleeson was riding on horseback with John Mehan about sixteen years ago, when the latter was killed.

It is claimed here that his correct name is Joseph. He is a native of Calaveras county, and aged 31 years. He was a resident of Jackson about twelve or fifteen years.

## Note Lost.

Lost in Jackson, February 1, 1900, a note given by Louis Abramofsky and made payable to G. Froelich. Amount of note \$3000. The finder please leave same at Spagnoli's Drug Store and receive reward of \$25.00.

G. FROELICH.

## Correction.

In gathering information relative to several changes that have recently occurred at the Gwin mine last week, we were misinformed in regard to Superintendent Thomas. Our informant said that he had resigned. We have since learned that he has not resigned his office. He is still superintendent, although not personally supervising affairs, being absent on business.

THE WHITE HOUSE.

## There Are A Few Left Over

Not many, though, of those beautiful Capes and Jackets we bought for the holiday trade. We will close them out now at a large reduction in price, and guarantee every garment in every respect.

CATALOGUE SENT FREE TO ANY ONE ON APPLICATION

BEAUTIFUL PLUSH CAPES; NO better quality has been selling at \$10; a swell garment; trimmed all round with the best of silk lining; we have the same in black, tan, brown, in cloth capes; Price, to close out.

\$5.00

THE LATEST—OUR GOLF CAPES and tailor-made jackets; our \$10 garment; everybody knows the value; comes in black, tan, new blue, new brown; very stylishly made; to close out at.....

\$6.00

GREAT VALUES AND AN ASSORTMENT equal to any the Emporium can show; well line in ladies outside skirts in all wool plaids, in black figured silks, black all wool serge; tailor made and finished

\$3.50

We desire most particularly to direct your attention to our elegant and up-to-date stock of **Custom and Ready Made Clothing, Men's Furnishing Goods, Boots and Shoes**, on which we have put **HARD TIMES PRICES**. Send for our catalogue, **FREE**.

We have received from the mills ten cases of Blankets and Comforters; we are selling at mill prices; call and convince yourself.

Special, on sale during the holiday month, twenty dozen Ladies Kid Gloves; assorted colors; real value, \$1.50. **Special, \$1.00.**

**OUR SHOE DEPARTMENT** as well as the Rubber and Oil Clothing Departments, are well selected with great care. We only handle first-class goods at popular prices. A handsome illustrated Cloak Catalogue will be furnished, free. Given away, free, with every \$1.00 cash purchase, a handsome lithographed writing tablet.

**THE WHITE HOUSE.** WEIL & RENNO BUILDING Main Street, Jackson. HENRY WEIL, Manager

MISCELLANEOUS.

Drugs! Drugs! Drugs!

FRESH AND PURE

AT CITY PHARMACY

Also a Full Stock of Goods Pertaining to my Line of Business.

I KEEP THE BEST OF EVERYTHING

ROBERT I. KERR

Main Street JACKSON

NEW TODAY.

Our Nation's President

Our Nation's Prosperity! Our Nation's Possessions! Policies, Principles and Possibilities, as involved in the Great Campaign of 1900, will be the subjects discussed at a meeting to be held at

Jackson, February 8th

AND Lone. February 10th.

SPEAKERS

Hon. John F. Davis,  
Hon. D. E. McKinlay,  
Of San Francisco and  
Hon. Judson Brusie  
Of Sacramento, District Organizer  
M. J. CURTIS,  
Chairman Executive Committee.  
J. M. Anderson, Secretary.

MISCELLANEOUS.

I. L. GODFREY  
BUILDER, JOINER AND WORKER IN WOODS  
Water Street, Jackson

IS PREPARED TO DO ALL KINDS OF plain or ornamental work. Bookcases, Wardrobes, Commodities, etc., turned out in the most skillful manner. Window Screens and Blinds made in short order. Orders from the country attended to promptly.

FIRE ACCIDENT LIFE  
L. J. FONTENROSE  
General Insurance Agent and Searcher of Records

Office: Marelia building, Court street, Jackson

NEW MACARONI FACTORY  
(Of Italian Usage)  
Jackson, Amador County, Cal.  
V. GIOVANNONI, Proprietor.

AFTER CONSIDERABLE EXPENSE AND long work we have arrived at the point of utility to perfect the best qualities of Italian paste. Shipments made and prices reasonable.

ANTONE RATTO  
Carpenter and Contractor

ESTIMATES GIVEN ON ALL KINDS OF work. Jobbing and repairing work attended to promptly. Address at Fregulla's shop, Broadway, Jackson.

WE'RE SWEEPING OUT

OUR

WINTER STOCK

AT ANY OLD PRICE

Special line of Underwear at cost. Clothing, Boots and Shoes, Hats, etc. Carpets and Matting, Furniture, Hardware, Groceries, etc.

The prices are too small to quote; call at the store and see; they will surprise you.

GEORGE NEWMAN

Main Street, Jackson

Complete New Stock Received

Composed of all kinds of goods for Winter Wear

Vicuna Wool Underclothing  
Ready-Made Garments for Ladies  
Flannelettes  
Mackintoshes  
Rubber Boots  
Rubbers  
Umbrellas

BOOTS AND SHOES of the very latest style and pattern. The best stock ever brought to Amador county

Fresh and new stock of

GROCERIES AND PROVISIONS

GLAVINOVICH &amp; PARKER

CORNER COURT AND MAIN STREETS

Sunset Telephone

LAW AND ABSTRACT OFFICE

AMADOR COUNTY ABSTRACT COMPANY

The Only Set of Abstract Books (Property System) in Amador County

George I. Wright, Sole Owner

Office: Gordon Building, Courthouse Square, JACKSON, CAL.

Prompt Attention and Accurate Information Given to Letters of Inquiry.

ABSTRACTS OF MINING PROPERTIES A SPECIALTY







## WORK OF CENSUS OFFICE

## Reservoirs Built.—Flood-waters Impounded

## LAND RECLAMATION AND WATER UTILIZATION

## Thousands of Acres of Land Are Now Cultivated That Were Once Barren.

WASHINGTON, (D. C.), January 19. —The preliminary work of the Census Office in collecting the data relative to the arid and sub-humid regions shows that during the past ten years vast areas have been reclaimed by irrigation, both by ditching from running streams and drilling for subterranean waters.

Where only a few years ago the sage-brush struggled for existence in the midst of a waste of alkali and sand, today are fields of waving grain and blossoming orange groves. Hundreds of miles of canals and ditches have been sunk, and thousands of acres of land have been cultivated in zones where once the desolation of Sahara reigned.

Moistened by fresh waters and fertilized by the rich silt of the swift mountain streams, once trackless wastes and desolate valleys in the arid Southwest, have become as fertile as the famous Valley of the Nile, and send forth crops of endless variety and exceeding abundance.

Irrigation is extensive farming. Where the water supply is ample, it is sure farming. There are no failures, and crops are enormous. The experienced irrigator is like the trained engineer with his hand on the lever. The movements of his hand regulate the amount of water supplied to his fields as those of the engineer control his engine.

In most of the irrigable sections of the West, fertilizers have never been used, although the land has been constantly cultivated for over two centuries. In many sections fields may be seen which have yielded successive crops of wheat for forty years and show no diminution or productive strength.

Wonderful progress is shown in the methods of constructing canals, dams, and pumping machinery, and in the manner of distributing water. Modern inventions in machinery have greatly lessened the time, labor and cost of construction and management and made possible many gigantic enterprises of land reclamation and water utilization.

Mountains have been tunneled and whole rivers have been lifted from their beds and spread over the valleys precisely as wanted. High up in the ranges and on the elevated plateau immense storage reservoirs have been constructed to impound the flood-waters of the streams, so that the thirsty land below shall not suffer during the long rainless summer.

As the successful solution of the problem of conservation of flood waters means the reclamation of millions of acres of public land, the people naturally ask the Government to promote measures having this end in view. To this demand the Government responds. Lands containing excellent reservoir sites have been set aside and a thorough study of the sources and permanence of the water supply of arid regions has been made to enable Congress to legislate with intelligence upon this important subject.

In aid of this work the Twelfth Census will endeavor comprehensively to show the present condition and values of Agriculture in the arid and sub-humid regions; the length, irrigable extent and cost of the various canals, wells and ditches; the character, volume and constancy of water supply; systems employed in distribution; amount paid for water supply; systems employed in distribution; amount paid for water and the crops, acreage and yield of irrigated farms.

This effort will be successful if those interested in irrigation shall heartily co-operate with the Census Office and its agents.

Within a brief period the main schedules for taking the census of irrigation will be distributed, and Director Merriam requests that all recipients prepare properly to fill them out and return them promptly.

"I am indebted to One Minute Cough Cure for my health and life. It cured me of lung trouble following grip." Thousands owe their lives to the prompt action of this never failing remedy. It cures coughs, colds, croup, bronchitis, pneumonia, grip and throat and lung troubles. Its early use prevents consumption. It is the only harmless remedy that gives immediate results. City Pharmacy.

## War Preparations of the Boers.

The Kansas City Journal says: "Paul Benninghoven of St. Louis, who enjoys the double distinction of being the tallest man in Missouri and a nephew of Oom Paul Kruger, was in Jefferson City the other day. He told a reporter there that a recent letter from a friend of his in South Africa indicated that the Boers had been preparing for the present war ever since 1894, a big dynamite factory in Pretoria having been engaged five years in turning out ammunition with a view to readiness for anticipated trouble with England."

## Tit For Tat.

A farmer drifted into a hardware store at Marshall and was asked by the manager: "Don't you want to buy a bicycle to ride around your farm on?" They're cheap now. Can give you one for \$35."

"I'd sooner put the \$35 into a cow," said the farmer.

"But think," said the manager, "how foolish you would look riding around town on a cow."

"Oh, I don't know," said the farmer; "no more foolish, perhaps, than I would milking a bicycle." — Kansas City Journal.

## PRE-HISTORIC CIVILIZATION.

Today's Desolation Was Once a Garden Shown By Evidence of Ancient Irrigation.

One of the most marvelous engineering accomplishments of ancient or modern times is shown in discoveries that were made last year in the lava beds of New Mexico. Thousands of years ago, the geologists tell us, a system of irrigation reservoirs and ditches was operated in the Southwest which is not paralleled by anything of this nature in the United States today. The builders of these works, a people older than the Pueblo race, cultivated thousands of acres of now arid territory. Reservoirs were constructed at the bases of mountains to catch the flood-waters before they were absorbed into the loose and bottomless sand, and the ditches where they ran through sand, were cemented to prevent the water's escape.

Lava has flowed into some of these ditches, once filled with sparkling water in centuries gone by. What can have been the history of this prehistoric race or what can have caused their disappearance, can only be conjectured.

Unlike the ancients of other lands, these people have not left a complete record of their glory and their downfall, and whether it was the result of climatic conditions of great upheavals or whether they were supplanted by more warlike and stronger races, is a mystery. That they were highly developed, however, in agriculture, which is the mother of civilization, is shown by the evidences which have been left. Their canals wind in and around for miles, showing a superior engineering knowledge in securing an exact and uniform fall; remarkable viaducts were used in crossing canyons, while a network of distributing ditches brought every available acre into use for tillage. Vast fields of waving grain and laden orchards must have stretched away down the fertile valleys, under the magic touch of water for arid America where it has been reclaimed through irrigation of today yields extravagantly and with such a development of a peaceful art must have been likewise an advanced state of civilization. Here was no irrigation by individual owners or diverters of water, but a great system covering a large area, carefully thought out and operated by a central head for the greatest good of the many and the utilization of the greatest possible acreage.

And it seems strange in the present era of great progress and vast undertakings that this section of country, once the most highly cultivated of the continent, should now be an arid and cheerless waste with a torrid sky and parched earth, even while the same rainfall of ages past still continues year by year, and the water supply is still there, only awaiting its utilization by man.

## IRRIGATION PARAGRAPHS.

The stampede to enter the Oklahoma public lands, upon their opening to settlement, is a matter of recent history. The government has between 70,000,000 and 100,000,000 acres of arid public lands which can be reclaimed through irrigation and made more productive than the lands of Oklahoma; and the government could sell its lands to settlers just as fast as it reclaimed it.

Such important works as storage reservoirs should be built as international improvements and permanently maintained by the State or Federal government. This would give absolute assurance of safety to communities farming the lands below them. Without such a guarantee of stability, the settler in reservoir systems cannot be overcome, for the irrigator is always at the mercy of the reservoir.

It is well said, why should the arid West not have its share of the great sums of money which are being expended by the national government for internal improvements. What good reason can be advanced why the western states and territories should continue to contribute to building such improvements for the East and the South unless the West is given a fair proportion of expenditures for such purposes? Eastern states, whether seaboard or interior, get their proportion of river and harbor appropriations, but the arid states of the West get nothing, even while they contribute their share to these expenses.

Crops evaporate 300 times their own weight of growth annually. To allow the growth of weeds in an irrigated field means an immense loss of the precious fluid so necessary to plant life. While the man causing the waste gets all the water he needs, still he deprives the irrigation works of a portion of its capacity, thereby cutting off some one or causing an increase in expense, and perhaps a resulting loss to himself in the end.

## You Try It.

If Shilo's Cough and Consumption Cure, which is sold for the small price of 25c, 50c and \$1, does not cure, take the bottle back and we will refund your money. Sold for over fifty years on this guarantee. Price, 25c and 50c. For sale by A. Goldner, the Druggist.

## The Scheming Twain

Two impetuous Scotsmen came upon a salmon. They had only a "sax-pence" between them, so they ordered one "nip o' whiskey." They were hesitating who should have the first drink, when an acquaintance joined them. Pretending that they had just drunk, one of them handed the new-comer the whisky, requesting him to join them in a drink. He drank, and, after a few minutes of painful and silent suspense, said: "Now, boys, you'll have one with me?" "Wasna that weel managed, mon?" said one to his pal afterward. "Ay, it was," said the other, solemnly; "but it was a dreadful risk!"

J. J. Berry, Loganton, Pa., writes, "I am willing to take my oath that I was cured of pneumonia entirely by the use of One Minute Cough Cure after doctors failed. It also cured my children of whooping cough." Quickly relieves and cures coughs, colds, croup, grip and throat and lung troubles. Children all like it. Mothers endorse it. City Pharmacy.

## MISCELLANEOUS.

## Throat Troubles

"Bardwell, Ky., where I live, is in the extreme western part of the State and only a few miles from Cairo, Ill., where the Ohio empties into the Mississippi River. It may be that throat troubles are common here because of location, but, whatever the reason, I find it wise to constantly keep a supply of Acker's English Remedy for Consumption on hand. It is the best thing I ever came across for coughs, colds and throat troubles, and I have used it in my family for years. No druggist here can be depended upon to have it always, so I am writing this letter to W. H. Hooker & Co., 220 Broadway, N. Y., to order a dozen bottles at a time. My wife is bothered lately with sore throat and difficult breathing, but just as soon as the dozen bottles get here, I will give her a few doses, and she will certainly be well again. I expect to write another letter in a short time saying my wife is cured, for I feel absolutely sure it is what she needs." (Signed) T. A. WHITE.

Sold at 25c, 50c, and \$1 a bottle, throughout the United States and Canada, and in England, at 2s, 3s, 4s, 5s, 6s, 7s, 8s, 9s, 10s, 11s, 12s, 13s, 14s, 15s, 16s, 17s, 18s, 19s, 20s, 21s, 22s, 23s, 24s, 25s, 26s, 27s, 28s, 29s, 30s, 31s, 32s, 33s, 34s, 35s, 36s, 37s, 38s, 39s, 40s, 41s, 42s, 43s, 44s, 45s, 46s, 47s, 48s, 49s, 50s, 51s, 52s, 53s, 54s, 55s, 56s, 57s, 58s, 59s, 60s, 61s, 62s, 63s, 64s, 65s, 66s, 67s, 68s, 69s, 70s, 71s, 72s, 73s, 74s, 75s, 76s, 77s, 78s, 79s, 80s, 81s, 82s, 83s, 84s, 85s, 86s, 87s, 88s, 89s, 90s, 91s, 92s, 93s, 94s, 95s, 96s, 97s, 98s, 99s, 100s.

We authorize the above guarantee. W. H. HOOKER & CO., Proprietors, New York. Sold by Alfred Goldner

## OUR TASTE HAMS

Sweet, Juicy and Tender.



We live but once—Why not live well and enjoy life?

HALL, LUHR & CO

WHOLESALE GROCERS AND PROVISION DEALERS

Sacramento, Cal.

## THE LONDON WOOLEN MILLS



J. H. HEITMAN

FINE TAILORING

Price List as Follows:

LONDON WEST OF ENGLAND BROADCLOTH SUIT, \$40.00 LONDON CLAY WOOLSTED IN BLUE and Black, 40.00 NEW ENGLAND WASHINGTON MILLS CLOTH WOOLSTED, blue-black, 35.00 GERMAN CREPE DRESS WOOLSTED, 35.00 FRENCH BLACK PIQUE, 25.00 LONDON BLACK DOLMIST SUIT, 35.00 WASHINGTON MILLS GRAY WOOLSTED SUIT, 35.00 FINE ASSORTMENT IN TWEED SUITING, \$18 to 40.00 LATEST STYLE OF ENGLISH AND AMERICAN TROUSERING, \$4 to 12.00

600 1/2 Street, Corner Sixth, SACRAMENTO

There is a certain stylish effect about garments made from the celebrated Patterns that is not attained by the use of any other patterns.

McCALL 10c

BAZAR

PATTERNS 15c

(No-Seam-Allowance Patterns.)

One that every lady should take regularly. Beautiful colored plates; latest fashions; dressmaking economies; fancy work; household hints; fiction, etc. Subscribe to-day, or send 5c for latest copy. Lady agents wanted. Send for terms.

A FREE PATTERN of her own selection will be given every subscriber to

McCALL'S 50c

MAGAZINE YEAR

A LADIES' MAGAZINE.

One that every lady should take regularly. Beautiful colored plates; latest fashions; dressmaking economies; fancy work; household hints; fiction, etc. Subscribe to-day, or send 5c for latest copy. Lady agents wanted. Send for terms.

THE McCALL CO.

138-146 West 14th St., New York.

LEDGER'S CLUBBING RATES.

Ledger and Daily Call, one year, \$7.50  
Ledger and Weekly Call, one year, 3.60  
Ledger and Daily Bulletin, one year, 4.50  
Ledger and Semi-Weekly Bulletin, 1 yr, 4.50  
Ledger and Weekly Bulletin, one year, 3.90  
Ledger and Daily Chronicle, one year, 7.70  
Ledger and Weekly Chronicle, one year, 3.60  
Ledger and Weekly Examiner, one year, 3.60  
Ledger and Daily Examiner, one year, 3.60  
Ledger and N. Y. Weekly Tribune, 1 yr, 3.50  
Ledger and N. Y. Tri-Weekly Tribune, 1 yr, 3.50  
Ledger and Cosmopolitan Magazine, 1 yr, 3.35  
Ledger and S. F. Weekly Post, one year, 3.00  
Ledger and McCall's Magazine, one year, 2.75  
Ledger and St. Louis Globe Democrat, 1 yr, 3.00  
Ledger and "Twice a Week," one year, 3.00

The above rates are strictly in advance.

## LIBERTY SALOON

Sangulenti Building Main Street Jackson

L. PERLANDA, : : : Proprietor

Best of Wines, Liquors and Cigars Always on hand.

## MISCELLANEOUS ADVERTISEMENTS.

## A SQUARE DEAL ON DEAL BUGGIES

BUGGIES...  
WAGONS...  
CARTS.....

SOLD AT  
SACRAMENTO CASH PRICES

SAMPLES ON EXHIBITION

Exclusive Agency for the Deal Buggies Which Are the Best

W. E. KENT

BROADWAY, JACKSON

THE  
SUIT  
WILL  
FIT  
YOU

This can be truthfully said of any of the clothes made at our shop. The cutting is done by an experienced cutter; we use the best buttons and thread and give personal supervision to all work. Our stock of suitings for spring and summer is about the nobbiest ever seen here.

We cannot afford to give you shoddy cloth or slipshod work, for we are here to stay and cannot live on one-time custom.

THE  
FIT  
WILL  
SUIT  
YOU

## MAX LADAR, THE TAILOR

MAIN STREET, JACKSON, CAL.

## LOTS

The Meehan Property will be subdivided into building lots and sold for CASH OR INSTALLMENTS. Will be laid out in blocks, with 50-foot streets and 25-foot alleyways. Each lot can be reached at front or rear by wagon. One main street from Volcano road west of Calvin's house; one east of Meehan's house; and one west of Keeney's property, to reach the property.

For further particulars apply to

NEIL A. MACQUARRIE

Spagnoli Building, Summit Street

## E. GINOCCHIO &amp; BROTHER

Wholesale and Retail Dealers in

## General Merchandise

Water Street, Foot of Broadway, Jackson  
WE TAKE PLEASURE IN INFORMING OUR PATRONS and the public generally that we have on hand a very choice selected stock of DRY GOODS of all kinds, GROCERIES AND PROVISIONS, CLOTHING, BOOTS AND SHOES. We particularly direct the attention of the public to the fact that we keep on hand the largest assortment of Carriage Bolts, Screws, Nuts, Nails, and, in fact, everything the market demands. We are sole agents for the celebrated HUKULES POWDER, of which which we shall constantly keep on hand a large supply.

INSIST  
UPON  
HAVING  
THE  
JORDAN  
"AAA1"  
CUTLERY  
ONLY



DON'T BE A CLAM

And take some other kind because a little cheaper. Best is always cheapest in the end, and the Jordan "AAA1" Cutlery is "It." For sale by the leading dealers everywhere.

## THE NEW

## NATIONAL HOTEL

FOOT OF MAIN STREET JACKSON, CAL.

FIRST-CLASS ACCOMMODATIONS FOR TRAVELERS AT REASONABLE PRICES

Sample Room for Commercial Travelers

Rooms Newly Furnished Throughout

Table Supplied With the Best in the Market

BAR Supplied With the Finest Brands of Wines, Liquors and Cigars

F. A. VOORHEIS, Proprietor

## MISCELLANEOUS ADVERTISEMENTS.

## Electricity!



## DR. W. F. GREEN, D. D. S.

WEBB BUILDING, JACKSON, CAL.

## Teeth Filled and Extracted Positively Without Pain by ELECTRICITY

Artificial Teeth made on Aluminum Plates. Easy to keep clean; light as a feather and will never tarnish. Also Gold and Metal Plates. All plate work leaving my office is guaranteed to fit, wear and give perfect satisfaction and comfort.

## GOLD, ALUMINUM AND PLATINUM CROWNS

All Crown and Bridge Work made according to the latest and approved method.

## FINE GOLD FILLINGS A SPECIALTY

Ulcerated Teeth, no matter of how long standing, cured in one treatment.

## DR. W. F. GREEN, D. D. S.

Webb Building, Main Street, Jackson, Cal.

FOR 1900

## McCall's Magazine

(THE QUEEN OF FASHION)

Will contain TWENTY-TWO FULL-PAGE BEAUTIFUL COLORED PLATES—more than 1000 exquisite, artistic and strictly up-to-date FASHION designs—a large number of short stories and handsome illustrations—fancy work, hints on dressmaking and suggestions for the home.

## With Amador Ledger

Only \$2.75 a Year

And each subscriber receives a FREE PATTERN of her own selection—a pattern sold by most houses at 25 cents or 30 cents.

## SUNSET LIMITED

SEASON OF 1899-1900

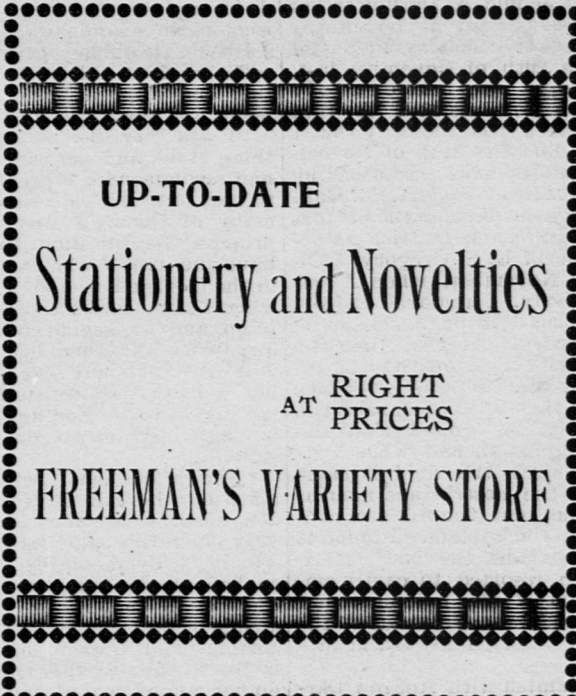
Lv San Francisco..... 5:00 p.m. Tues and Fri  
Lv Fresno..... 10:35 p.m. Tues and Fri  
Lv Los Angeles..... 7:45 a.m. Wed and Sat  
Lv Los Angeles..... 8:00 a.m. Wed and Sat  
Lv El Paso..... 7:15 a.m. Thurs and Sun  
Lv El Paso..... 9:35 a.m. Thurs and Sun  
Lv New Orleans..... 9:45 p.m. Fri and Mon  
Lv Washington..... 6:45 a.m. Sun and Wed  
Lv New York..... 12:45 p.m. Sun and Wed

Initial Trip Friday, December 15th

THIS MAGNIFICENT train again, for the sixth season, offers its superior service to the traveling public.

ITS HIGH STANDARD of excellence is abundantly attested by its past brilliant record, and the Southern Pacific management gives the assurance that it will be maintained in all respects, and improved where possible.

For more complete information, call on M. W. GORDON, Agent at Ione.



UP-TO-DATE  
Stationery and Novelties  
AT RIGHT PRICES  
FREEMAN'S VARIETY STORE

## PIONEER FLOUR IS PERFECTION

Made From SELECTED WHEAT  
Blended According to Our Own Formula  
Producing Perfect Results

OUR RECORD OF THIRTY-FIVE YEARS IN AMADOR COUNTY OF HONORABLE and upright dealing is with you, and we respectfully ask for a continuance of your favors; without prejudice.

PIONEER FLOUR MILLS, SACRAMENTO

## LEGAL NOTICES.

## Administrator's Sale of Real Estate.

NOTICE IS HEREBY GIVEN THAT in pursuance of an order of the Superior Court in and for the County of Amador, State of California, made on the 21st day of October, 1899, in the matter of the estate of G. M. Mathis, deceased, the undersigned, administrator of said estate, will sell at public auction, to the highest bidder, for cash, gold, silver, and subject to confirmation by said Superior Court, on Saturday, 24th day of February, 1900, at 10 o'clock a.m., in front of the Courthouse door, at Jackson, in the County of Amador, State of California, all the right, title, interest and estate of the said G. M. L. Mathis at the time of his death, and all the right, title and interest in the said estate has, by operation of law or otherwise, acquired other than or in addition to that of the said G. M. L. Mathis at the time of his death, in and to all those certain lots, pieces or parcels of land, situate, lying and being in the said County of Amador, State of California, and bounded and described as follows, to wit: The east half of the east half section nineteen (19), the southwest quarter the northwest quarter of section twenty (20), the east half of the northeast quarter and the northeast quarter of the southeast quarter section thirty (30), all in township seven (7) N. R. 10 E. M. D. B. and M., containing three (3) and twenty (20) acres of land.

Terms and Conditions of Sale—Cash, 50 cents of the United States, 10 percent of the purchase money to be paid by the auctioneer the day of sale, balance on confirmation of sale by said Superior Court. Deed at expense of purchaser.

Administrator of the Estate of G. M. L. Mathis, deceased.

Dated January 19, 1900. 1-19-3  
William J. McGee, attorney for administrator.

## Assessment Notice.

Location of principal place of business Jackson, California.—Location of Work Jackson Mining District, Amador County.

NOTICE IS HEREBY GIVEN THAT a meeting of the Board of Directors, to assess the property of the Amador County Gold Mining District, for the year 1900, will be held on the 5th day of February, 1900, at 10 o'clock a.m., at the office of the Secretary, in the City of Jackson, California. Any stock upon which the assessment has not been paid, and which is delinquent, will be delinquent, and advertised for sale at public auction, and unless payment is made before, will be sold on Saturday, the 27th day of January, 1900, at 4 p.m., to pay the delinquent taxes, together with costs of advertising and expenses of sale.

By order of the Board of Directors.

Office: Well & Reno Building, Jackson, Cal. 12-8-13-3

At a meeting of the Board of Directors of Jackson Gold Mining and Milling Company, held on Saturday, January 6th, 1900, the day of delinquency of Assessment No. 3 was postponed to Saturday, February 3, 1900, and the day of sale to Saturday, February 24, 1900.

WILL A. NEWCOM, Secretary.

Dated Jackson, January 6, 1900. 1-15-13-3

## Notice of Forfeiture.

To John B. Skinner:

YOU ARE HEREBY NOTIFIED THAT you have expended at least \$200 (two hundred dollars) in labor and improvements on the above-described placer claim: W 1/2 of E 1/2, and E 1/2 of N 1/2 of section 22, township 7 north, range 12 east, M. D. H. Base and Meridian, Volcano Mining District, Amador County, State of California, as will appear by certificate filed at the office of the Recorder of Amador County, Jackson, on December 29, 1898, a January 19, 1900, in order to hold said premises under the provisions of section 2331, Revised Statutes of U. S., being the annual assessment hold same for the year ending December 31, 1899, and if within ninety days after the publication of this notice you fail or refuse to contribute your proportion of said expenditure, your co-owner, your interest in said claim will become the property of the subscriber under section 2331. M. CHRISTENSEN, Volcano, January 30, 1900. 1-25-13-3

## Notice of Annual Meeting—Election of Officers.

Peerless Gold Mine Development Company, Amador County, California:

THE ANNUAL MEETING OF THE stockholders of the above-named company will be held at the office, Brown's building, Court Street, Jackson, Amador County, Cal., Monday, the 4th day of February, A. D. 1900, at 3 o'clock p.m. for the election of five directors for the ensuing year.

By order of the Board of Directors.